Abstract

Use of polysilazane for producing surfaces with hydrophobic and oleophobic properties

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The invention relates to the use of a polysilazane solution which comprises a polysilazane of the formula 1

$$\begin{bmatrix}
H & H \\
I & I
\end{bmatrix}$$

$$Si - N - I$$

$$H$$
(1)

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where n has been adjusted so that the polysilazane has a number-average molar mass of from 150 to 150 000 g/mol, and also comprises a solvent and a catalyst, as a primer for the coating of a surface with fluorosilanes or with fluorine-containing condensates.